

(FILE 'HOME' ENTERED AT 09:38:18 ON 14 AUG 2002)

FILE 'CAPLUS' ENTERED AT 09:38:24 ON 14 AUG 2002

L1 3414 S ASPERGILLUS NIDULANS
L2 16 S L1 AND AMA1
L3 1 S AMA1 AND (MARKER OR LABEL)

FILE 'STNGUIDE' ENTERED AT 09:53:30 ON 14 AUG 2002

FILE 'CAPLUS' ENTERED AT 09:59:09 ON 14 AUG 2002

L4 1 S LIBRAR? AND AMA1
L5 677 S AUTONOMOUS (2A) REPLICATION
L6 8 S L5 AND AMA1
L7 1 S L6 AND LIBRAR?
L8 9 S LIBRAR? AND AMA1
L9 1 S L8 AND SCREEN?
E VIND JESPER/AU
L10 41 S E2-E3
L11 2 S L10 AND AMA1

W00259331

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS
 AN 2002:575253 CAPLUS
 TI Use of filamentous fungi expressing dominant negative mutant of a mismatch repair protein for preparing diverse polynucleotide libraries
 IN **Vind, Jesper**
 PA Novozymes A/S, Den.
 SO PCT Int. Appl., 51 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002059331	A1	20020801	WO 2002-DK200050	20020124
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	DK 2001-123	A	20010124		
	US 2001-265300P	P	20010131		

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:291226 CAPLUS
 DN 132:319501
 TI Methods of constructing and screening a DNA library of interest in filamentous fungal cells
 IN **Vind, Jesper**
 PA Novo Nordisk A/s, Den.
 SO PCT Int. Appl., 81 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000024883	A1	20000504	WO 1999-DK552	19991013
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU	9961885	A1	20000515	AU 1999-61885	19991013
EP	1124949	A1	20010822	EP 1999-948721	19991013
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	DK 1998-1375	A	19981026		
	DK 1999-718	A	19990525		
	WO 1999-DK552	W	19991013		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L2 ANSWER 4 OF 16 CAPLUS COPYRIGHT 2002 ACS

AN 2000:291226 CAPLUS

DN 132:319501

TI Methods of constructing and screening a DNA library of interest in filamentous fungal cells

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PA Novo Nordisk A/s, Den.

SO PCT Int. Appl., 81 pp.

CODEN: PIXXD2

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LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000024883	A1	20000504	WO 1999-DK552	19991013
	W:				
	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 9961885	A1	20000515	AU 1999-61885	19991013
	EP 1124949	A1	20010822	EP 1999-948721	19991013
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
PRAI	DK 1998-1375	A	19981026		
	DK 1999-718	A	19990525		
	WO 1999-DK552	W	19991013		

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 16 CAPLUS COPYRIGHT 2002 ACS

AN 1999:421770 CAPLUS

DN 131:54739

TI Expression vectors and host organisms for expression cloning using filamentous fungi

IN Van den Brink, Johannes Maarten; Selten, Gerard Cornelis Maria; Van den Hombergh, Johannes Petrus Theodorus Wilhelmus

PA DSM N.V., Neth.

SO PCT Int. Appl., 78 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9932617	A2	19990701	WO 1998-EP8577	19981222
	WO 9932617	A3	19990910		
	W:				
	AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	CA 2313445	AA	19990701	CA 1998-2313445	19981222
	AU 9925151	A1	19990712	AU 1999-25151	19981222
	AU 736111	B2	20010726		
	BR 9814404	A	20001010	BR 1998-14404	19981222

EP 1042461 A2 20001011 EP 1998-966868 19981222
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, FI
 JP 2002509698 T2 20020402 JP 2000-525536 19981222
 PRAI EP 1997-204079 A 19971222
 WO 1998-EP8577 W 19981222

L2 ANSWER 6 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1999:3879 CAPLUS
 DN 130:178086
 TI In vivo linearization and autonomous replication of plasmids containing
 human telomeric DNA in **Aspergillus nidulans**
 AU Aleksenko, A.; Ivanova, L.
 CS Center for Process Biotechnology, Department of Biotechnology, Technical
 University of Denmark, Lyngby, 2800, Den.
 SO Molecular and General Genetics (1998), 260(2/3), 159-164
 CODEN: MGGEAE; ISSN: 0026-8925
 PB Springer-Verlag
 DT Journal
 LA English
 RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1997:620759 CAPLUS
 DN 127:288632
 TI Autonomous plasmid replication in **Aspergillus nidulans**
 : **AMA1** and MATE elements
 AU Aleksenko, A.; Clutterbuck, A. J.
 CS Institute of Genetics and Selection of Industrial Microorganisms, Moscow,
 113545, Russia
 SO Fungal Genetics and Biology (1997), 21(3), 373-387
 CODEN: FGBIFV; ISSN: 1087-1845
 PB Academic
 DT Journal; General Review
 LA English

L2 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1997:4892 CAPLUS
 DN 126:43538
 TI Gene expression from replicating plasmids in **Aspergillus**
 nidulans
 AU Aleksenko, A.; Nikolaev, I.; Vinetski, Y.; Clutterbuck, A. J.
 CS Inst. Biomedical Life Sciences, Univ. Glasgow, Glasgow, G11 6NU, UK
 SO Molecular & General Genetics (1996), 253(1-2), 242-246
 CODEN: MGGEAE; ISSN: 0026-8925
 PB Springer
 DT Journal
 LA English

L2 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1996:286507 CAPLUS
 DN 125:2761
 TI Multiple copies of MATE elements support autonomous plasmid replication in
 Aspergillus nidulans
 AU Aleksenko, Alexei; Gems, David; Clutterbuck, John
 CS Division of Molecular Genetics, Univ. of Glasgow, Glasgow, G11 5NU, UK
 SO Molecular Microbiology (1996), 20(2), 427-434
 CODEN: MOMIEE; ISSN: 0950-382X
 PB Blackwell
 DT Journal
 LA English

L2 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2002 ACS

AN 1996:274239 CAPLUS
 DN 124:308823
 TI Autonomously replicating plasmids carrying the **AMA1** region in *Penicillium chrysogenum*
 AU Fierro, Francisco; Kosalkova, Katarina; Gutierrez, Santiago; Martin, Juan F.
 CS Faculty Biology, University Leon, Leon, E-24071, Spain
 SO Curr. Genet. (1996), 29(5), 482-489
 CODEN: CUGED5; ISSN: 0172-8083
 DT Journal
 LA English

L2 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1996:120277 CAPLUS
 DN 124:280448
 TI The plasmid replicator **AMA1** in *Aspergillus nidulans* is an inverted duplication of a low-copy-number dispersed genomic repeat
 AU Aleksenko, Alexei; Clutterbuck, A. John
 CS Div. Mol. Genetics, Inst. Biomedical Life Sciences, University Glasgow, Glasgowitz Glasgow, G11 5JS, UK
 SO Mol. Microbiol. (1996), 19(3), 565-74
 CODEN: MOMIEE; ISSN: 0950-382X
 DT Journal
 LA English

L2 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1995:742017 CAPLUS
 DN 123:248493
 TI Recombinational stability of replicating plasmids in *Aspergillus nidulans* during transformation, vegetative growth and sexual reproduction
 AU Aleksenko, A. Y.; Clutterbuck, A. J.
 CS Genetics Lab., Univ. Glasgow, Glasgow, G11 5JS, UK
 SO Curr. Genet. (1995), 28(1), 87-93
 CODEN: CUGED5; ISSN: 0172-8083
 DT Journal
 LA English

L2 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1995:202503 CAPLUS
 DN 122:2197
 TI Cointegration of transforming DNAs in *Aspergillus nidulans*: a model using autonomously-replicating plasmids
 AU Aleksenko, Aleksey Y.
 CS Institute Genetics Selection Industrial Microorganisms, Moscow, 113545, Russia
 SO Curr. Genet. (1994), 26(4), 352-8
 CODEN: CUGED5; ISSN: 0172-8083
 DT Journal
 LA English

L2 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2002 ACS
 AN 1994:651010 CAPLUS
 DN 121:251010
 TI Heterologous transformation of *Zalerion arboricola*
 AU Kelly, Rosemarie; Register, Elizabeth; Sosa, Margaret
 CS Merck Res. Lab., Rahway, NJ, 07065, USA
 SO Curr. Genet. (1994), 26(3), 217-24
 CODEN: CUGED5; ISSN: 0172-8083
 DT Journal
 LA English

L2 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2002 ACS

AN 1992:627340 CAPLUS
DN 117:227340
TI Transformation of *Gibberella fujikuroi*: effect of the **Aspergillus**
nidulans **AMA1** sequence on frequency and integration
AU Brueckner, Bettina; Unkles, Shiela E.; Weltring, Klaus; Kinghorn, James R.
CS Inst. Microbiol., Friedrich Schiller Univ., Jena, O-6900, Germany
SO Curr. Genet. (1992), 22(4), 313-16
CODEN: CUGED5; ISSN: 0172-8083
DT Journal
LA English

L2 ANSWER 16 OF 16 CAPLUS COPYRIGHT 2002 ACS
AN 1991:222729 CAPLUS
DN 114:222729
TI An autonomously replicating plasmid transforms **Aspergillus**
nidulans at high frequency
AU Gems, David; Johnstone, Iain L.; Clutterbuck, A. John
CS Inst. Genet., Univ. Glasgow, Glasgow, G11 5JS, UK
SO Gene (1991), 98(1), 61-7
CODEN: GENED6; ISSN: 0378-1119
DT Journal
LA English